

**COMBINED DECLARATION AND POWER OF ATTORNEY (SUBSTITUTE)**

As a below named inventor, I hereby declare that:

My Residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled VASCULAR ACCESS DEVICES HAVING HEMOSTATIC SAFETY VALVE, the specification of which (is attached hereto/was filed on November 24, 1999 and assigned Application No. 09/450,032).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56(a).

CIP Application Duty: If the present application is a continuation-in-part of any prior application(s), including any listed below or in the above-identified specification, I acknowledge the duty to disclose information that is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign or provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| <u>Prior Foreign or Provisional Application(s)</u> | <u>Priority Claimed</u> |                    |            |           |
|--|-------------------------|--------------------|------------|-----------|
| <u>Number</u>                                      | <u>Country</u>          | <u>Filing Date</u> | <u>Yes</u> | <u>No</u> |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below:

| <u>Application Serial No.</u> | <u>Filing Date</u> | <u>Status</u> |
|-------------------------------|--------------------|---------------|
|-------------------------------|--------------------|---------------|

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office and in all the competent International Authorities connected therewith: Debra D. Condino, Reg. No. 31,007; Lena Vinitskaya, Reg. No. 39,448; Peter J. Gluck, Reg. No. 38,022; and John Christopher James, Reg. No. 40,660.

Address all correspondence and telephone calls to: Lena I. Vinitskaya, Reg. No. 39,448  
Edwards Lifesciences LLC  
Law Dept.  
One Edwards Way  
Irvine, CA 92614  
Telephone: (949) 250-6856  
Facsimile: (949) 250-6850

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Charles R. Mooney

Inventor's signature: Charles R. Mooney  
Date: 11/12/01

Residence: 1730 Samar Drive  
Costa Mesa, CA 92626

Citizenship: USA

Post Office Address: same

Full name of Second joint inventor: Clifford E. Currier

Inventor's signature: Clifford E. Currier  
Date: 11/12/01

Residence: 9 Sandbridge  
Aliso Viejo, CA 92656

Citizenship: USA

Post Office Address: same

Docket No.: ECC-5527  
Application No.: Unknown  
Filed: 11/24/99

**ASSIGNMENT  
(Joint Inventors)**

In consideration of one dollar (\$1.00) and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to BAXTER INTERNATIONAL INC. (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at Deerfield, Illinois its successors, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in VASCULAR ACCESS DEVICES HAVING HEMOSTATIC SAFETY VALVE, the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which we may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

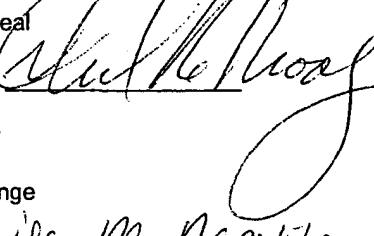
We hereby authorize and request the Commissioner of patents to issue said Letters Patent to said BAXTER INTERNATIONAL INC.

We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. we further agree to perform, upon such request, any and all affirmative acts to obtain Letters patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire rights, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

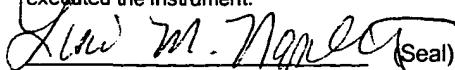
WITNESS our hand and seal

Date 11/30/99 Signature 

Typed Name: Charles R. Mooney

State of California, County of Orange

On Nov 30, 1999 before me, Lisa M. Napolitano personally appeared Charles R. Mooney personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

 (Seal)

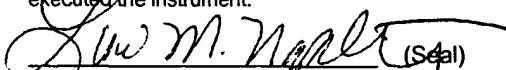
Signature of Notary

Date 10-30-99 Signature 

Typed Name: Clifford E. Currier

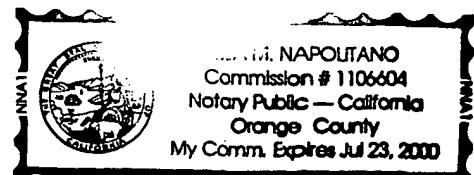
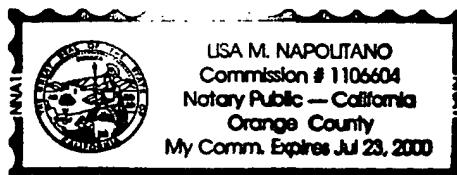
State of California, County of Orange

On Nov 30 1999 before me, Lisa M. Napolitano personally appeared Clifford E. Currier personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

 (Seal)

Signature of Notary

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LIFESCIENCES

JUNE 29, 2000



PTAS

BAXTER HEALTHCARE CORPORATION  
LENA L. VINITSKAYA, ESQ.  
17221 RED HILL AVENUE  
IRVINE, CALIFORNIA 92614

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101342753A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/14/2000

REEL/FRAME: 010740/0690  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOONEY, CHARLES R. ✓

DOC DATE: 11/30/1999

ASSIGNOR:

CURRIER, CLIFFORD E. ✓

DOC DATE: 11/30/1999

ASSIGNEE:

BAXTER INTERNATIONAL INC.  
ONE BAXTER PARKWAY  
DEERFIELD, ILLINOIS 60015

SERIAL NUMBER: 09450032

FILING DATE: 11/24/1999  
ISSUE DATE:

PATENT NUMBER:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

CH

4.14.00

Docket No.: ECC-5527

S/N: 09/450,032

REC

05-03-2000



ET

Filing Date: Nov. 24, 1999

101342753

3 original documents or copy

To the Honorable Commissioner of Patents and  
thereof

1. Name of conveying parties:

1. Charles R. Mooney, executed on 11/30/99
2. Clifford E. Currier, executed on 11/30/99
- 3.
- 4.
- 5.
- 6.

Additional names(s) of conveying party(ies) attached? Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

2. Name and address of receiving party(ies):

Baxter International Inc.  
One Baxter Parkway  
Deerfield, IL 60015

Additional name(s) & address(es) attached? Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lena I. Vinitskaya, Esq.  
Baxter Healthcare Corporation  
17221 Red Hill Avenue  
Irvine, California 92614

6. Total number of applications and patents involved: 1

7. Total fee (37CFR3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number: 02-1437 (ECC-5527)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Lena I. Vinitskaya, Reg. No. 39,448

Name of Person Signing

  
Signature

04/14/2000

Date

Total number of pages including cover sheet, attachments and document: 5



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 30, 2000

PTAS

EDWARDS LIFESCIENCES LLC  
DEBRA D. CONDINO  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614



\*101403141A\*

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RECORDATION DATE: 06/09/2000

REEL/FRAME: 010901/0274  
NUMBER OF PAGES: 33

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
BAXTER INTERNATIONAL INC.

DOC DATE: 06/09/2000

ASSIGNEE:  
EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 06712528 BE-3504  
PATENT NUMBER:

FILING DATE: 03/18/1985 ✓  
ISSUE DATE:

SERIAL NUMBER: 08584718 BE-4540CON  
PATENT NUMBER:

FILING DATE: 01/11/1996 ✓  
ISSUE DATE:

SERIAL NUMBER: 09472093 BE 5167DV  
PATENT NUMBER:

FILING DATE: 12/23/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 09059125 BE- 5181  
PATENT NUMBER:

FILING DATE: 04/13/1998 ✓  
ISSUE DATE:

SERIAL NUMBER: 09075409 BE-5223 FILING DATE: 05/08/1998 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09362468 BE-5462 FILING DATE: 07/28/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09390381 BE-5477 FILING DATE: 09/03/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09429773 BE-5507 FILING DATE: 10/28/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08559262 CVG-4938 FILING DATE: 11/15/1995 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09108553 CVG-5369 FILING DATE: 07/01/1998 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09413948 CVG-5506 FILING DATE: 10/06/1999 ✓ ★  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 07095416 ECC 3246RE FILING DATE: 09/10/1987 ✓  
PATENT NUMBER: RE33518 ISSUE DATE: 01/15/1991 ✓

SERIAL NUMBER: 06489927 ECC 3247 FILING DATE: 04/29/1983 ✓  
PATENT NUMBER: D282284 ISSUE DATE: 01/21/1986 ✓

SERIAL NUMBER: 06659134 ECC 3452 FILING DATE: 11/26/1982 ✓  
PATENT NUMBER: D288364 ISSUE DATE: 02/17/1987 ✓

SERIAL NUMBER: 08475606 ECC 3572 CON FILING DATE: 06/07/1995 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08440510 ECC 3698 CDC FILING DATE: 05/12/1995 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08130634 ECC 3913 CCP FILING DATE: 10/01/1993 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08966435 ECC 3913 CIPDV FILING DATE: 11/07/1997 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08645391 ECC 4324 CDV FILING DATE: 05/13/1996 ✓ ★  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08420503 ECC 4324 CDV FILING DATE: 04/12/1995 ✓ ★  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08603550 ECC 4324 CON FILING DATE: 02/21/1996 ✓ ★  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08049231 ECC 4324 CON FILING DATE: 04/19/1993 ✓ ★  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09274802 PATENT NUMBER: *ECC 4642 DIV* FILING DATE: 03/23/1999 ✓ ISSUE DATE: *✓*

SERIAL NUMBER: 08440624 PATENT NUMBER: *ECC 4883 CIP* FILING DATE: 05/15/1995 ✓ ISSUE DATE:

SERIAL NUMBER: 09329002 PATENT NUMBER: *ECC 5062 CIP 2* FILING DATE: 06/08/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 08725117 PATENT NUMBER: *ECC 5063* FILING DATE: 10/02/1996 ✓ ISSUE DATE:

SERIAL NUMBER: 09429221 PATENT NUMBER: *ECC 5151* FILING DATE: 10/28/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 09359927 PATENT NUMBER: *ECC 5159 CON* FILING DATE: 07/22/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 09135873 PATENT NUMBER: *ECC 5378* FILING DATE: 08/17/1998 ✓ ISSUE DATE:

SERIAL NUMBER: 09177416 PATENT NUMBER: *ECC 5396* FILING DATE: 10/22/1998 ✓ ISSUE DATE:

SERIAL NUMBER: 09450032 PATENT NUMBER: *ECC 5527* FILING DATE: 11/24/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 09456049 PATENT NUMBER: *ECC 5528* FILING DATE: 12/07/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 09484555 PATENT NUMBER: *ECC 5543* FILING DATE: 01/18/2000 ✓ ISSUE DATE:

SERIAL NUMBER: 09085944 PATENT NUMBER: *ECC 3860 CDC* FILING DATE: 05/27/1998 ✓ ISSUE DATE: *✓*

SERIAL NUMBER: 09293215 PATENT NUMBER: *ECV 4468* FILING DATE: 04/16/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 08812506 PATENT NUMBER: *ECV 4652 CON* FILING DATE: 03/07/1997 ✓ ISSUE DATE:

SERIAL NUMBER: 08764821 PATENT NUMBER: *ECV 4652 DIV* FILING DATE: 12/12/1996 ✓ ISSUE DATE:

SERIAL NUMBER: 09283596 PATENT NUMBER: *ECV 4652 CIP DIV* FILING DATE: 04/10/1999 ✓ ISSUE DATE:

SERIAL NUMBER: 09124657 PATENT NUMBER: *ECV 4674 CIP CIP* FILING DATE: 07/29/1998 ✓ ISSUE DATE:

SERIAL NUMBER: 09461304 PATENT NUMBER: *ECV 4935 CON* FILING DATE: 12/14/1999 ✓ ISSUE DATE:

|                         |                |                           |
|-------------------------|----------------|---------------------------|
| SERIAL NUMBER: 09144010 | ECV 4955 CON   | FILING DATE: 08/31/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09082848 | ECV 5011 CON   | FILING DATE: 05/21/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09264801 | ECV 5040 DIV   | FILING DATE: 03/09/1999 ✓ |
| PATENT NUMBER: 6102944  |                | ISSUE DATE: 08/15/2000 ✓  |
| SERIAL NUMBER: 09207783 | ECV 5115 DIV   | FILING DATE: 12/09/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09016489 | ECV 5143       | FILING DATE: 01/30/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09016147 | ECV 5221       | FILING DATE: 01/30/1998 ✓ |
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| SERIAL NUMBER: 09468715 | ECV 5283CIPDIV | FILING DATE: 12/21/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09157546 | ECV 5327       | FILING DATE: 09/21/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09396124 | ECV 5328       | FILING DATE: 09/14/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09491987 | ECV 5412       | FILING DATE: 01/26/2000 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09332759 | ECV 5413       | FILING DATE: 06/14/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09491990 | ECV 5413 CIP   | FILING DATE: 01/26/2000 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09293214 | ECV 5461       | FILING DATE: 04/16/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09387468 | ECV 5476       | FILING DATE: 09/01/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 60178084 | ECV 5587       | FILING DATE: 01/25/2000 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 08192894 | NC 4582        | FILING DATE: 02/07/1994 ✓ |
| PATENT NUMBER: 6102845  |                | ISSUE DATE: 08/15/2000 ✓  |
| SERIAL NUMBER: 09157846 | NC 4582 DIV2   | FILING DATE: 09/21/1998 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |
| SERIAL NUMBER: 09285933 | NC 5409        | FILING DATE: 04/02/1999 ✓ |
| PATENT NUMBER:          |                | ISSUE DATE:               |

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| SERIAL NUMBER: 09273030<br>PATENT NUMBER: 6083238 | RMI 5188CIP    | FILING DATE: 03/19/1999<br>ISSUE DATE: 07/04/2000 ✓   |
| SERIAL NUMBER: 08720427<br>PATENT NUMBER:         | RMI 5203       | FILING DATE: 09/30/1996 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09386666<br>PATENT NUMBER:         | RMI 5475       | FILING DATE: 08/31/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09438172<br>PATENT NUMBER:         | RMI 5497       | FILING DATE: 11/11/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 08612742<br>PATENT NUMBER: 6099791 | VAS 4736       | FILING DATE: 03/08/1996 ✓<br>ISSUE DATE: 08/08/2000 ✓ |
| SERIAL NUMBER: 09201953<br>PATENT NUMBER:         | VAS 4761 CON   | FILING DATE: 12/01/1998 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09306863<br>PATENT NUMBER:         | VAS 4778 CON 2 | FILING DATE: 05/07/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09203998<br>PATENT NUMBER: 6110191 | VAS 5032 CON   | FILING DATE: 12/01/1998 ✓<br>ISSUE DATE: 08/29/2000 ✓ |
| SERIAL NUMBER: 09364430<br>PATENT NUMBER:         | VAS 5032 CON 2 | FILING DATE: 07/30/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09358350<br>PATENT NUMBER:         | VAS 5041 DIV   | FILING DATE: 07/21/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09163831<br>PATENT NUMBER: 6071307 | VAS 5388       | FILING DATE: 09/30/1998 ✓<br>ISSUE DATE: 06/06/2000 ✓ |
| SERIAL NUMBER: 09247733<br>PATENT NUMBER:         | VAS 5416       | FILING DATE: 02/09/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09303038<br>PATENT NUMBER:         | VAS 5430       | FILING DATE: 04/30/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 09038500<br>PATENT NUMBER: 6024729 | VAS 5431       | FILING DATE: 03/10/1998 ✓<br>ISSUE DATE: 02/15/2000 ✓ |
| SERIAL NUMBER: 09419315<br>PATENT NUMBER:         | VAS 5498       | FILING DATE: 10/15/1999 ✓<br>ISSUE DATE:              |
| SERIAL NUMBER: 08240286<br>PATENT NUMBER: 5500014 | AVD 3843 CCP   | FILING DATE: 05/09/1994 ✓<br>ISSUE DATE: 03/19/1996 ✓ |
| SERIAL NUMBER: 07691258<br>PATENT NUMBER: 5272909 | AVD 4127       | FILING DATE: 04/25/1991 ✓<br>ISSUE DATE: 12/28/1993   |
| SERIAL NUMBER: 06133701<br>PATENT NUMBER: 5327774 | AVD 4127 DIV   | FILING DATE: 10/08/1993 ✓<br>ISSUE DATE: 07/12/1994 ✓ |

|   |                  |   |
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| SERIAL NUMBER: 08901987<br>PATENT NUMBER: 5997573 | AVD 4289 CIP DIV | FILING DATE: 07/29/1997 ✓<br>ISSUE DATE: 12/07/1999 |
| SERIAL NUMBER: 08264225<br>PATENT NUMBER: 5609626 | AVD 4289 CON     | FILING DATE: 06/22/1994 ✓<br>ISSUE DATE: 03/11/1997 |
| SERIAL NUMBER: 08467496<br>PATENT NUMBER: 5824061 | AVD 4289 DIV     | FILING DATE: 06/06/1995 ✓<br>ISSUE DATE: 10/20/1998 |
| SERIAL NUMBER: 07387728<br>PATENT NUMBER: 5047020 | Bl-1605 CIP      | FILING DATE: 07/31/1989 ✓<br>ISSUE DATE: 09/10/1991 |
| SERIAL NUMBER: 07097295<br>PATENT NUMBER: 4871357 | Bl-1605 CON      | FILING DATE: 09/14/1987 ✓<br>ISSUE DATE: 10/03/1989 |
| SERIAL NUMBER: 07216070<br>PATENT NUMBER: 4874581 | Bl-1621 CIP      | FILING DATE: 07/07/1988 ✓<br>ISSUE DATE: 10/17/1989 |
| SERIAL NUMBER: 06885207<br>PATENT NUMBER: 4698207 | Bl-1626          | FILING DATE: 07/14/1986 ✓<br>ISSUE DATE: 10/06/1987 |
| SERIAL NUMBER: 07073261<br>PATENT NUMBER: 4876066 | Bl-1626 DIV      | FILING DATE: 07/14/1987 ✓<br>ISSUE DATE: 10/24/1989 |
| SERIAL NUMBER: 07338347<br>PATENT NUMBER: 5039486 | Bl-1652 CON      | FILING DATE: 04/12/1989 ✓<br>ISSUE DATE: 08/13/1991 |
| SERIAL NUMBER: 07664449<br>PATENT NUMBER: 5110549 | Bl-1652 CPCN     | FILING DATE: 02/28/1991 ✓<br>ISSUE DATE: 05/05/1992 |
| SERIAL NUMBER: 07795170<br>PATENT NUMBER: 5167921 | Bl-1652 CPDV     | FILING DATE: 11/19/1991 ✓<br>ISSUE DATE: 12/01/1992 |
| SERIAL NUMBER: 06948284<br>PATENT NUMBER: D302299 | Bl-1745          | FILING DATE: 12/31/1986 ✓<br>ISSUE DATE: 07/18/1989 |
| SERIAL NUMBER: 06124312<br>PATENT NUMBER: 4490254 | Bl-3053          | FILING DATE: 02/25/1980 ✓<br>ISSUE DATE: 12/25/1984 |
| SERIAL NUMBER: 06282283<br>PATENT NUMBER: 4440723 | Bl-3059          | FILING DATE: 07/10/1981 ✓<br>ISSUE DATE: 04/03/1984 |
| SERIAL NUMBER: 06236941<br>PATENT NUMBER: 4447150 | Bl-3062          | FILING DATE: 02/27/1981 ✓<br>ISSUE DATE: 05/08/1984 |
| SERIAL NUMBER: 06288118<br>PATENT NUMBER: 4428934 | Bl-3063          | FILING DATE: 07/29/1981 ✓<br>ISSUE DATE: 01/31/1984 |
| SERIAL NUMBER: 06860710<br>PATENT NUMBER: 4684508 | Bl-3368          | FILING DATE: 05/05/1986 ✓<br>ISSUE DATE: 08/04/1987 |
| SERIAL NUMBER: 06410039<br>PATENT NUMBER: 4444498 | Bl-3400          | FILING DATE: 08/20/1982 ✓<br>ISSUE DATE: 04/24/1984 |

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| SERIAL NUMBER: 06683252 | Bl - 3508      | FILING DATE: 12/18/1984  |
| PATENT NUMBER: 4731260  |                | ISSUE DATE: 03/15/1988 ✓ |
| SERIAL NUMBER: 06746355 | Bl - 3552      | FILING DATE: 06/19/1985  |
| PATENT NUMBER: 4640819  |                | ISSUE DATE: 02/03/1987 ✓ |
| SERIAL NUMBER: 06736767 | Bl - 3569      | FILING DATE: 05/22/1985  |
| PATENT NUMBER: 4635467  |                | ISSUE DATE: 01/13/1987 ✓ |
| SERIAL NUMBER: 07056135 | Bl - 3592C1P   | FILING DATE: 05/29/1987  |
| PATENT NUMBER: 4902476  |                | ISSUE DATE: 02/20/1990 ✓ |
| SERIAL NUMBER: 06743693 | Bl - 35693590  | FILING DATE: 06/11/1985  |
| PATENT NUMBER: 4734269  |                | ISSUE DATE: 03/29/1988 ✓ |
| SERIAL NUMBER: 07177306 | Bl - 3709      | FILING DATE: 04/05/1988  |
| PATENT NUMBER: 4911549  |                | ISSUE DATE: 03/27/1990 ✓ |
| SERIAL NUMBER: 07617922 | Bl - 3715CON   | FILING DATE: 11/21/1990  |
| PATENT NUMBER: 5120502  |                | ISSUE DATE: 06/09/1992 ✓ |
| SERIAL NUMBER: 07260164 | Bl - 3748      | FILING DATE: 10/20/1988  |
| PATENT NUMBER: 5120501  |                | ISSUE DATE: 06/09/1992 ✓ |
| SERIAL NUMBER: 08024998 | Bl - 3748 CNDV | FILING DATE: 03/02/1993  |
| PATENT NUMBER: 5338512  |                | ISSUE DATE: 08/16/1994 ✓ |
| SERIAL NUMBER: 07971717 | Bl - 3748 CPCN | FILING DATE: 11/04/1992  |
| PATENT NUMBER: 5236665  |                | ISSUE DATE: 08/17/1993 ✓ |
| SERIAL NUMBER: 07848897 | Bl - 3748 CON  | FILING DATE: 03/10/1992  |
| PATENT NUMBER: 5225161  | 84             | ISSUE DATE: 07/06/1993 ✓ |
| SERIAL NUMBER: 07945998 | Bl - 3785 DVCN | FILING DATE: 09/15/1992  |
| PATENT NUMBER: 5316724  |                | ISSUE DATE: 05/31/1994 ✓ |
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| PATENT NUMBER: 5049146  |                | ISSUE DATE: 09/17/1991 ✓ |
| SERIAL NUMBER: 07369806 | Bl - 3849      | FILING DATE: 06/22/1989  |
| PATENT NUMBER: 4954055  |                | ISSUE DATE: 09/04/1990 ✓ |
| SERIAL NUMBER: 07428270 | Bl - 3912      | FILING DATE: 10/26/1989  |
| PATENT NUMBER: 5217689  |                | ISSUE DATE: 06/08/1993 ✓ |
| SERIAL NUMBER: 07554759 | Bl - 4022      | FILING DATE: 07/16/1990  |
| PATENT NUMBER: 5061236  |                | ISSUE DATE: 10/29/1991 ✓ |
| SERIAL NUMBER: 07906900 | Bl 4051 CNCP   | FILING DATE: 06/29/1992  |
| PATENT NUMBER: 5270005  |                | ISSUE DATE: 12/14/1993 ✓ |
| SERIAL NUMBER: 07609301 | Bl 4062        | FILING DATE: 11/01/1990  |
| PATENT NUMBER: 5186713  |                | ISSUE DATE: 02/16/1993 ✓ |



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 ISSUE DATE: 07/30/1996 ✓

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| SERIAL NUMBER: 08331292<br>PATENT NUMBER: 5541167 | Bx 4143CON  | FILING DATE: 11/18/1993<br>ISSUE DATE: 05/23/1995 ✓ |
| SERIAL NUMBER: 08154654<br>PATENT NUMBER: 5417969 | Bx 4176CIP  | FILING DATE: 10/08/1992<br>ISSUE DATE: 11/30/1993 ✓ |
| SERIAL NUMBER: 07958667<br>PATENT NUMBER: 5266265 | Bx 4341     | FILING DATE: 07/20/1993<br>ISSUE DATE: 03/28/1995 ✓ |
| SERIAL NUMBER: 08094834<br>PATENT NUMBER: 5401255 | Bx -4393    | FILING DATE: 06/28/1993<br>ISSUE DATE: 11/29/1994 ✓ |
| SERIAL NUMBER: 08083405<br>PATENT NUMBER: 5368438 | Bx -4474    | FILING DATE: 11/10/1994<br>ISSUE DATE: 03/26/1996 ✓ |
| SERIAL NUMBER: 08336964<br>PATENT NUMBER: 5501574 | Bx -4474CON | FILING DATE: 06/17/1998<br>ISSUE DATE: 12/21/1999 ✓ |
| SERIAL NUMBER: 09029646<br>PATENT NUMBER: 6004511 | Bx -4912    | FILING DATE: 10/31/1995<br>ISSUE DATE: 06/23/1998 ✓ |
| SERIAL NUMBER: 08551256<br>PATENT NUMBER: 5770149 | Bx -4932    | FILING DATE: 08/30/1996<br>ISSUE DATE: 09/01/1998 ✓ |
| SERIAL NUMBER: 08697814<br>PATENT NUMBER: 5800721 | Bx -5042    | FILING DATE: 12/22/1995<br>ISSUE DATE: 05/05/1998 ✓ |
| SERIAL NUMBER: 08569098<br>PATENT NUMBER: 5746575 | Bx -5123    | FILING DATE: 11/03/1997<br>ISSUE DATE: 01/26/1999 ✓ |
| SERIAL NUMBER: 08963591<br>PATENT NUMBER: 5863179 | Bx -5123CON | FILING DATE: 09/26/1997<br>ISSUE DATE: 01/25/2000 ✓ |
| SERIAL NUMBER: 08938058<br>PATENT NUMBER: 6017493 | Bx -5167    | FILING DATE: 12/12/1997<br>ISSUE DATE: 11/23/1999 ✓ |
| SERIAL NUMBER: 08989316<br>PATENT NUMBER: 5929438 | Bx -5182    | FILING DATE: 12/13/1979<br>ISSUE DATE: 06/21/1983 ✓ |
| SERIAL NUMBER: 06103401<br>PATENT NUMBER: 4388927 | CVG 2598    | FILING DATE: 10/08/1980<br>ISSUE DATE: 01/19/1982 ✓ |
| SERIAL NUMBER: 06195103<br>PATENT NUMBER: 4311573 | CVG -2641   | FILING DATE: 02/06/1984<br>ISSUE DATE: 06/17/1986 ✓ |
| SERIAL NUMBER: 06577300<br>PATENT NUMBER: 4595632 | CVG -2667   | FILING DATE: 09/29/1982<br>ISSUE DATE: 12/10/1985 ✓ |
| SERIAL NUMBER: 06427782<br>PATENT NUMBER: 4557266 | CVG -3272   | FILING DATE: 02/14/1984<br>ISSUE DATE: 05/20/1986 ✓ |
| SERIAL NUMBER: 06580119<br>PATENT NUMBER: 4589964 | CVG 3375    |   |

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| SERIAL NUMBER: 07794544 | PATENT NUMBER: 5244913 | CVG- 4147    | FILING DATE: 11/19/1991 | ISSUE DATE: 09/14/1993 ✓ |
| SERIAL NUMBER: 06723912 | PATENT NUMBER: 4670009 | ECC 3556     | FILING DATE: 04/16/1985 | ISSUE DATE: 06/02/1987 ✓ |
| SERIAL NUMBER: 06782032 | PATENT NUMBER: 4648868 | ECC 1606     | FILING DATE: 09/30/1985 | ISSUE DATE: 03/10/1987 ✓ |
| SERIAL NUMBER: 07060666 | PATENT NUMBER: 4727884 | ECC 1618CON  | FILING DATE: 06/10/1987 | ISSUE DATE: 03/01/1988 ✓ |
| SERIAL NUMBER: 06868313 | PATENT NUMBER: 4664126 | ECC 1619CIP3 | FILING DATE: 05/28/1986 | ISSUE DATE: 05/12/1987 ✓ |
| SERIAL NUMBER: 06866772 | PATENT NUMBER: 4858618 | ECC 1633     | FILING DATE: 05/23/1986 | ISSUE DATE: 08/22/1989 ✓ |
| SERIAL NUMBER: 06942356 | PATENT NUMBER: 4823167 | ECC 1698     | FILING DATE: 12/16/1986 | ISSUE DATE: 04/18/1989 ✓ |
| SERIAL NUMBER: 07000529 | PATENT NUMBER: 4712865 | ECC 1747     | FILING DATE: 01/05/1987 | ISSUE DATE: 12/15/1987 ✓ |
| SERIAL NUMBER: 07000537 | PATENT NUMBER: 4714770 | ECC 1748     | FILING DATE: 01/05/1987 | ISSUE DATE: 12/22/1987 ✓ |
| SERIAL NUMBER: 06245580 | PATENT NUMBER: 4381591 | ECC 2242     | FILING DATE: 03/20/1981 | ISSUE DATE: 05/03/1983 ✓ |
| SERIAL NUMBER: 06160750 | PATENT NUMBER: 4328806 | ECC 2564     | FILING DATE: 06/18/1980 | ISSUE DATE: 05/11/1982 ✓ |
| SERIAL NUMBER: 06160600 | PATENT NUMBER: 4329993 | ECC 2565     | FILING DATE: 06/18/1980 | ISSUE DATE: 05/18/1982 ✓ |
| SERIAL NUMBER: 06160749 | PATENT NUMBER: 4329994 | ECC 2624     | FILING DATE: 06/18/1980 | ISSUE DATE: 05/18/1982 ✓ |
| SERIAL NUMBER: 06128181 | PATENT NUMBER: 4369496 | ECC 2670     | FILING DATE: 03/07/1980 | ISSUE DATE: 01/18/1983 ✓ |
| SERIAL NUMBER: 06301146 | PATENT NUMBER: 4407304 | ECC 3036     | FILING DATE: 09/11/1981 | ISSUE DATE: 10/04/1983 ✓ |
| SERIAL NUMBER: 06327111 | PATENT NUMBER: 4456223 | ECC 3060     | FILING DATE: 12/03/1981 | ISSUE DATE: 06/26/1984 ✓ |
| SERIAL NUMBER: 06844213 | PATENT NUMBER: 4759378 | ECC 3150CON  | FILING DATE: 03/18/1986 | ISSUE DATE: 07/26/1988 ✓ |
| SERIAL NUMBER: 06437247 | PATENT NUMBER: 4464179 | ECC 3151     | FILING DATE: 11/26/1982 | ISSUE DATE: 08/07/1984 ✓ |

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| SERIAL NUMBER: 06499936<br>PATENT NUMBER: D285248 | ECC 3202     | FILING DATE: 06/01/1983<br>ISSUE DATE: 08/19/1986 ✓   |
| SERIAL NUMBER: 06489900<br>PATENT NUMBER: 4539998 | ECC 3246     | FILING DATE: 04/29/1983<br>ISSUE DATE: 09/10/1985 ✓   |
| SERIAL NUMBER: 06499938<br>PATENT NUMBER: 4508123 | ECC 3248     | FILING DATE: 06/01/1983<br>ISSUE DATE: 04/02/1985 ✓   |
| SERIAL NUMBER: 06551661<br>PATENT NUMBER: 4515278 | ECC 3248     | FILING DATE: 11/14/1983<br>ISSUE DATE: 05/07/1985 ✓   |
| SERIAL NUMBER: 06546492<br>PATENT NUMBER: 4647149 | ECC 3347     | FILING DATE: 10/28/1983<br>ISSUE DATE: 03/03/1987 ✓   |
| SERIAL NUMBER: 07323054<br>PATENT NUMBER: 5007704 | ECC 3348CON  | FILING DATE: 03/14/1989<br>ISSUE DATE: 04/16/1991 ✓   |
| SERIAL NUMBER: 06570619<br>PATENT NUMBER: 4796640 | ECC 3359     | FILING DATE: 01/13/1984<br>ISSUE DATE: 01/10/1989 ✓   |
| SERIAL NUMBER: 06570632<br>PATENT NUMBER: 4595012 | ECC 3360     | FILING DATE: 01/13/1984<br>ISSUE DATE: 06/17/1986 ✓   |
| SERIAL NUMBER: 06570631<br>PATENT NUMBER: 4632125 | ECC 3361 *   | FILING DATE: 01/13/1984<br>ISSUE DATE: 12/30/1986 ✓ * |
| SERIAL NUMBER: 06858448<br>PATENT NUMBER: 4745928 | ECC 3361 *   | FILING DATE: 05/01/1986<br>ISSUE DATE: 05/24/1988 ✓ * |
| SERIAL NUMBER: 06658111<br>PATENT NUMBER: 4651751 | ECC 3461     | FILING DATE: 10/05/1984<br>ISSUE DATE: 03/24/1987 ✓   |
| SERIAL NUMBER: 06945381<br>PATENT NUMBER: 5193547 | ECC 3421CON  | FILING DATE: 12/22/1986<br>ISSUE DATE: 03/16/1993 ✓   |
| SERIAL NUMBER: 06651283<br>PATENT NUMBER: 4589287 | ECC 3474     | FILING DATE: 09/17/1984<br>ISSUE DATE: 05/20/1986 ✓   |
| SERIAL NUMBER: 06659702<br>PATENT NUMBER: 4713059 | ECC 3477     | FILING DATE: 10/11/1984<br>ISSUE DATE: 12/15/1987 ✓   |
| SERIAL NUMBER: 07099097<br>PATENT NUMBER: 4850974 | ECC 3477 DIV | FILING DATE: 09/21/1987<br>ISSUE DATE: 07/25/1989 ✓   |
| SERIAL NUMBER: 06686989<br>PATENT NUMBER: 4643389 | ECC 3482     | FILING DATE: 12/27/1984 ✓                             |
| SERIAL NUMBER: 06622079<br>PATENT NUMBER: 4564020 | ECC 3534     | FILING DATE: 06/19/1984 ✓                             |
| SERIAL NUMBER: 06670213<br>PATENT NUMBER: 4587974 | ECC 3535     | FILING DATE: 11/13/1984 ✓                             |
|   |              | ISSUE DATE: 05/13/1986 ✓                              |

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| SERIAL NUMBER: 06739546<br>PATENT NUMBER: 4651741 | ECC 3574      | FILING DATE: 05/30/1985<br>ISSUE DATE: 03/24/1987 ✓   |
| SERIAL NUMBER: 06781411<br>PATENT NUMBER: 4711522 | ECC 3583      | FILING DATE: 09/27/1985<br>ISSUE DATE: 12/08/1987 ✓   |
| SERIAL NUMBER: 07270320<br>PATENT NUMBER: 4858821 | ECC 3620      | FILING DATE: 11/14/1988<br>ISSUE DATE: 08/22/1989 ✓   |
| SERIAL NUMBER: 07335927<br>PATENT NUMBER: 5135489 | ECC 3698 C1P3 | FILING DATE: 04/10/1989<br>ISSUE DATE: 08/04/1992 ✓   |
| SERIAL NUMBER: 07257017<br>PATENT NUMBER: 4960708 | ECC 3780      | FILING DATE: 10/13/1988<br>ISSUE DATE: 10/02/1990 ✓   |
| SERIAL NUMBER: 07304743<br>PATENT NUMBER: 4970900 | ECC 3804      | FILING DATE: 01/31/1989<br>ISSUE DATE: 11/20/1990 ✓   |
| SERIAL NUMBER: 07316613<br>PATENT NUMBER: 4962757 | ECC 3817      | FILING DATE: 02/28/1989<br>ISSUE DATE: 10/16/1990 ✓   |
| SERIAL NUMBER: 07351678<br>PATENT NUMBER: 4981355 | ECC 3837      | FILING DATE: 05/12/1989<br>ISSUE DATE: 01/01/1991 ✓   |
| SERIAL NUMBER: 07380052<br>PATENT NUMBER: 5029585 | ECC 3862      | FILING DATE: 07/14/1989<br>ISSUE DATE: 07/09/1991 ✓   |
| SERIAL NUMBER: 07485349<br>PATENT NUMBER: 5325865 | ECC 3953      | FILING DATE: 02/26/1990<br>ISSUE DATE: 07/05/1994 ✓   |
| SERIAL NUMBER: 07826280<br>PATENT NUMBER: 5149326 | ECC 4048 CON  | FILING DATE: 01/17/1992<br>ISSUE DATE: 09/22/1992 ✓   |
| SERIAL NUMBER: 07678911<br>PATENT NUMBER: 5271410 | ECC 4124      | FILING DATE: 04/01/1991<br>ISSUE DATE: 12/21/1993 ✓   |
| SERIAL NUMBER: 07752399<br>PATENT NUMBER: 5230342 | ECC 4173      | FILING DATE: 08/30/1991<br>ISSUE DATE: 07/27/1993 ✓   |
| SERIAL NUMBER: 07790724<br>PATENT NUMBER: 5246016 | ECC 4194      | FILING DATE: 11/08/1991<br>ISSUE DATE: 09/21/1993 ✓   |
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SERIAL NUMBER: 08850536 PATENT NUMBER: 5833645 *ECC 4194 DVC* \* FILING DATE: 05/02/1997 ISSUE DATE: 11/10/1998 ✓

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SERIAL NUMBER: 08473738 PATENT NUMBER: 5588438 *ECC 4324 CCD* FILING DATE: 06/07/1995 ISSUE DATE: 12/31/1996 ✓

SERIAL NUMBER: 08245727 PATENT NUMBER: 5720293 *ECC 4324 CCP* FILING DATE: 05/18/1994 ISSUE DATE: 02/24/1998 ✓

SERIAL NUMBER: 08485124 PATENT NUMBER: 5807269 *ECC 4324 CDV* \* FILING DATE: 06/07/1995 ISSUE DATE: 09/15/1998 ✓

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PATENT NUMBER: 5594375 ISSUE DATE: 01/14/1997 ✓

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PATENT NUMBER: 5961472 ISSUE DATE: 10/05/1999 ✓

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PATENT NUMBER: 4790843 ISSUE DATE: 12/13/1988 ✓

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PATENT NUMBER: 5061277 ECV 1636 CON

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ISSUE DATE: 02/16/1988 ✓

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ISSUE DATE: 02/15/1983 ✓

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PATENT NUMBER: 4373216 ECV 1725 C1P

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ISSUE DATE: 08/20/1985 ✓

SERIAL NUMBER: 06458618  
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ISSUE DATE: 06/05/1984 ✓

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ISSUE DATE: 06/05/1984 ✓

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ISSUE DATE: 03/10/1987 ✓

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PATENT NUMBER: 4648881 ECV 3041

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ISSUE DATE: 03/08/1988 ✓

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ISSUE DATE: 09/13/1988 ✓

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PATENT NUMBER: 4770665 ECV 3075-

FILING DATE: 07/09/1982  
ISSUE DATE: 04/24/1984 ✓

SERIAL NUMBER: 06396629  
PATENT NUMBER: 4443895 ECV 3112

FILING DATE: 11/13/1984  
ISSUE DATE: 03/03/1987 ✓

SERIAL NUMBER: 06670786  
PATENT NUMBER: 4647283 ECV 3449 DIV

SERIAL NUMBER: 06713204 PATENT NUMBER: 5215541 ECV 3493 DIV FILING DATE: 03/18/1985 ISSUE DATE: 06/01/1993 ✓

SERIAL NUMBER: 07020202 PATENT NUMBER: 4885005 ECV 3494 CDV FILING DATE: 02/27/1987 ISSUE DATE: 12/05/1989 ✓

SERIAL NUMBER: 08376624 PATENT NUMBER: 5716398 ECV 3710 CON FILING DATE: 01/23/1995 ISSUE DATE: 02/10/1998 ✓

SERIAL NUMBER: 08912021 PATENT NUMBER: 5964800 ECV 3710 CON3 FILING DATE: 08/15/1997 ISSUE DATE: 10/12/1999 ✓

SERIAL NUMBER: 07290001 PATENT NUMBER: 4917698 ECV 3789 FILING DATE: 12/22/1988 ISSUE DATE: 04/17/1990 ✓

SERIAL NUMBER: 07339787 PATENT NUMBER: 5002566 ECV 3800 CIP FILING DATE: 04/18/1989 ISSUE DATE: 03/26/1991 ✓

SERIAL NUMBER: 07587486 PATENT NUMBER: 5104407 ECV 3803 CON FILING DATE: 09/20/1990 ISSUE DATE: 04/14/1992 ✓

SERIAL NUMBER: 08004214 PATENT NUMBER: 5290300 ECV 3840 CCP FILING DATE: 01/13/1993 ISSUE DATE: 03/01/1994 ✓

SERIAL NUMBER: 08474048 PATENT NUMBER: 5683402 ECV 3860 C DC FILING DATE: 06/07/1995 ISSUE DATE: 11/04/1997 ✘

SERIAL NUMBER: 08068279 PATENT NUMBER: 5350420 ECU 3840 CON FILING DATE: 05/25/1993 ISSUE DATE: 09/27/1994 ✓

SERIAL NUMBER: 08190755 PATENT NUMBER: 5496336 ECV 3840 DVC FILING DATE: 02/02/1994 ISSUE DATE: 03/05/1996 ✓

SERIAL NUMBER: 07444189 PATENT NUMBER: 5041130 ECV 3860 CIP FILING DATE: 11/30/1989 ISSUE DATE: 08/20/1991 ✓

SERIAL NUMBER: 07502158 PATENT NUMBER: 5035709 ECV 3945 FILING DATE: 03/29/1990 ISSUE DATE: 07/30/1991 ✓

SERIAL NUMBER: 07579464 PATENT NUMBER: 5197979 ECV 4032 FILING DATE: 09/07/1990 ISSUE DATE: 03/30/1993 ✓

SERIAL NUMBER: 07990211 PATENT NUMBER: 5336258 ECV 4032 DIV FILING DATE: 12/14/1992 ISSUE DATE: 08/09/1994 ✓

SERIAL NUMBER: 07622917 PATENT NUMBER: 5274028 ECV 4057 FILING DATE: 12/06/1990 ISSUE DATE: 12/28/1993 ✓

SERIAL NUMBER: 08049015 PATENT NUMBER: 5422261 ECV 4399 FILING DATE: 04/16/1993 ISSUE DATE: 06/06/1995 ✓

SERIAL NUMBER: 08311383 PATENT NUMBER: 5424208 ECV 4399 DIV FILING DATE: 09/23/1994 ISSUE DATE: 06/13/1995 ✓

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| SERIAL NUMBER: 08073272<br>PATENT NUMBER: 5332503 | ECV 4446                    | FILING DATE: 04/16/1993<br>ISSUE DATE: 07/26/1994 |
| SERIAL NUMBER: 08086778<br>PATENT NUMBER: 5409833 | ECV 4473                    | FILING DATE: 07/01/1993<br>ISSUE DATE: 04/25/1995 |
| SERIAL NUMBER: 08647155<br>PATENT NUMBER: 5744360 | ECV 4645 CON                | FILING DATE: 05/09/1996<br>ISSUE DATE: 04/28/1998 |
| SERIAL NUMBER: 09036162<br>PATENT NUMBER: 6020196 | ECV 4645 DIV                | FILING DATE: 03/06/1998<br>ISSUE DATE: 02/01/2000 |
| SERIAL NUMBER: 08874180<br>PATENT NUMBER: 5931969 | ECV 4652 CIP                | FILING DATE: 06/13/1997<br>ISSUE DATE: 08/03/1999 |
| SERIAL NUMBER: 08283059<br>PATENT NUMBER: 5593435 | ECV 4676                    | FILING DATE: 07/29/1994<br>ISSUE DATE: 01/14/1997 |
| SERIAL NUMBER: 08757693<br>PATENT NUMBER: 5888240 | ECV 4676 CON                | FILING DATE: 12/03/1996<br>ISSUE DATE: 03/30/1999 |
| SERIAL NUMBER: 08300025<br>PATENT NUMBER: 5549666 | ECV 4677                    | FILING DATE: 09/02/1994<br>ISSUE DATE: 08/27/1996 |
| SERIAL NUMBER: 08948365<br>PATENT NUMBER: 5769780 | ECV 4677 DIV CON            | FILING DATE: 10/09/1997<br>ISSUE DATE: 06/23/1998 |
| SERIAL NUMBER: 08362633<br>PATENT NUMBER: 5554186 | ECV 4709                    | FILING DATE: 12/22/1994<br>ISSUE DATE: 09/10/1996 |
| SERIAL NUMBER: 08386048<br>PATENT NUMBER: 5804366 | ECV 4740                    | FILING DATE: 02/09/1995<br>ISSUE DATE: 09/08/1998 |
| SERIAL NUMBER: 08821478<br>PATENT NUMBER: 5861030 | ECV 4767 CON                | FILING DATE: 03/21/1997<br>ISSUE DATE: 01/19/1999 |
| SERIAL NUMBER: 08914558<br>PATENT NUMBER: 5880242 | ECV 49 <sup>15</sup> 54 CIP | FILING DATE: 08/19/1997<br>ISSUE DATE: 03/09/1999 |
| SERIAL NUMBER: 08545439<br>PATENT NUMBER: 5670358 | ECV 4930                    | FILING DATE: 10/19/1995<br>ISSUE DATE: 09/23/1997 |
| SERIAL NUMBER: 08998318<br>PATENT NUMBER: 6001126 | ECV 4935                    | FILING DATE: 12/24/1997<br>ISSUE DATE: 12/14/1999 |
| SERIAL NUMBER: 08960083<br>PATENT NUMBER: 5814096 | ECV 4953 CON                | FILING DATE: 10/24/1997<br>ISSUE DATE: 09/29/1998 |
| SERIAL NUMBER: 08723420<br>PATENT NUMBER: 5800531 | ECV 4955                    | FILING DATE: 09/30/1996<br>ISSUE DATE: 09/01/1998 |
| SERIAL NUMBER: 08688672<br>PATENT NUMBER: 5755783 | ECV 5011                    | FILING DATE: 07/29/1996<br>ISSUE DATE: 05/26/1998 |

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| SERIAL NUMBER: 08694580 | ECV 5027     | FILING DATE: 08/09/1996 | ✓ |
| PATENT NUMBER: 5814100  |              | ISSUE DATE: 09/29/1998  |   |
| SERIAL NUMBER: 09121474 | ECV 5027CON  | FILING DATE: 07/23/1998 | ✓ |
| PATENT NUMBER: 6039759  |              | ISSUE DATE: 03/21/2000  |   |
| SERIAL NUMBER: 08997766 | ECV 5044     | FILING DATE: 12/24/1997 | ✓ |
| PATENT NUMBER: 6027530  |              | ISSUE DATE: 02/22/2000  |   |
| SERIAL NUMBER: 08688352 | ECV 5045     | FILING DATE: 07/30/1996 | ✓ |
| PATENT NUMBER: 5782931  |              | ISSUE DATE: 07/21/1998  |   |
| SERIAL NUMBER: 09044667 | ECV 5045 DIV | FILING DATE: 03/20/1998 | ✓ |
| PATENT NUMBER: 5935168  |              | ISSUE DATE: 08/10/1999  |   |
| SERIAL NUMBER: 08826408 | ECV 5060     | FILING DATE: 03/27/1997 | ✓ |
| PATENT NUMBER: 5928281  |              | ISSUE DATE: 07/27/1999  |   |
| SERIAL NUMBER: 08833176 | ECV 5115     | FILING DATE: 04/03/1997 | ✓ |
| PATENT NUMBER: 5961549  |              | ISSUE DATE: 10/05/1999  |   |
| SERIAL NUMBER: 08843504 | ECV 5119     | FILING DATE: 04/16/1997 | ✓ |
| PATENT NUMBER: 5891196  |              | ISSUE DATE: 04/06/1999  |   |
| SERIAL NUMBER: 08982846 | ECV 5139     | FILING DATE: 12/02/1997 | ✓ |
| PATENT NUMBER: 6008292  |              | ISSUE DATE: 12/28/1999  |   |
| SERIAL NUMBER: 08932818 | ECV 5155     | FILING DATE: 09/16/1997 | ✓ |
| PATENT NUMBER: 6045576  |              | ISSUE DATE: 04/04/2000  |   |
| SERIAL NUMBER: 08941994 | ECV 5157     | FILING DATE: 10/01/1997 | ✓ |
| PATENT NUMBER: 5902937  |              | ISSUE DATE: 05/11/1999  |   |
| SERIAL NUMBER: 09099732 | ECV 5282     | FILING DATE: 06/18/1998 | ✓ |
| PATENT NUMBER: 6019739  |              | ISSUE DATE: 02/01/2000  |   |
| SERIAL NUMBER: 09031789 | ECV 5283CIP  | FILING DATE: 02/27/1998 | ✓ |
| PATENT NUMBER: 6004329  |              | ISSUE DATE: 12/21/1999  |   |
| SERIAL NUMBER: 06211210 | NC 3884      | FILING DATE: 11/28/1980 | ✓ |
| PATENT NUMBER: 4384829  |              | ISSUE DATE: 05/24/1983  |   |
| SERIAL NUMBER: 06446453 | NC 3884CIP   | FILING DATE: 12/03/1982 | ✓ |
| PATENT NUMBER: 4457673  |              | ISSUE DATE: 07/03/1984  |   |
| SERIAL NUMBER: 06400027 | NC 3885      | FILING DATE: 07/20/1982 | ✓ |
| PATENT NUMBER: 4519043  |              | ISSUE DATE: 05/21/1985  |   |
| SERIAL NUMBER: 06446452 | NC 3886      | FILING DATE: 12/03/1982 | ✓ |
| PATENT NUMBER: 4488099  |              | ISSUE DATE: 12/11/1984  |   |
| SERIAL NUMBER: 06662254 | NC 3887CON   | FILING DATE: 10/17/1984 | ✓ |
| PATENT NUMBER: 4557673  |              | ISSUE DATE: 12/10/1985  |   |

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| SERIAL NUMBER: 06680731 | NC 3888CON  | FILING DATE: 12/11/1984  |
| PATENT NUMBER: 4565497  |             | ISSUE DATE: 01/21/1986 ✓ |
| SERIAL NUMBER: 06555031 | NC 3889CIP  | FILING DATE: 11/23/1983  |
| PATENT NUMBER: 4581018  |             | ISSUE DATE: 04/08/1986 ✓ |
| SERIAL NUMBER: 06665011 | NC 3890CIP  | FILING DATE: 10/30/1984  |
| PATENT NUMBER: 4552816  |             | ISSUE DATE: 11/12/1985 ✓ |
| SERIAL NUMBER: 06757786 | NC 3891     | FILING DATE: 07/22/1985  |
| PATENT NUMBER: 4665896  |             | ISSUE DATE: 05/19/1987 ✓ |
| SERIAL NUMBER: 06853464 | NC 3892     | FILING DATE: 04/18/1986  |
| PATENT NUMBER: 4666443  |             | ISSUE DATE: 05/19/1987 ✓ |
| SERIAL NUMBER: 06933490 | NC 3893     | FILING DATE: 11/20/1986  |
| PATENT NUMBER: 4756302  |             | ISSUE DATE: 07/12/1988 ✓ |
| SERIAL NUMBER: 07589092 | NC 3901     | FILING DATE: 09/27/1990  |
| PATENT NUMBER: 5153496  |             | ISSUE DATE: 10/06/1992 ✓ |
| SERIAL NUMBER: 07503837 | NC 3982     | FILING DATE: 04/03/1990  |
| PATENT NUMBER: 5012176  |             | ISSUE DATE: 04/30/1991 ✓ |
| SERIAL NUMBER: 08471438 | NC 4582DIV  | FILING DATE: 06/06/1995  |
| PATENT NUMBER: 5810708  |             | ISSUE DATE: 09/22/1998 ✓ |
| SERIAL NUMBER: 08468088 | NC 4587CIP  | FILING DATE: 06/06/1995  |
| PATENT NUMBER: 5803770  |             | ISSUE DATE: 09/08/1998 ✓ |
| SERIAL NUMBER: 08194481 | NC 4589     | FILING DATE: 02/10/1994  |
| PATENT NUMBER: 5511958  |             | ISSUE DATE: 04/30/1996 ✓ |
| SERIAL NUMBER: 08473220 | NC 4589CON  | FILING DATE: 06/07/1995  |
| PATENT NUMBER: 5599173  |             | ISSUE DATE: 02/04/1997 ✓ |
| SERIAL NUMBER: 09191506 | NC 5399     | FILING DATE: 11/13/1998  |
| PATENT NUMBER: 6001056  |             | ISSUE DATE: 12/14/1999 ✓ |
| SERIAL NUMBER: 07266745 | VAS 1718CIP | FILING DATE: 11/03/1988  |
| PATENT NUMBER: 5071609  |             | ISSUE DATE: 12/10/1991 ✓ |
| SERIAL NUMBER: 07043326 | VAS 1773    | FILING DATE: 04/28/1987  |
| PATENT NUMBER: 4816339  |             | ISSUE DATE: 03/28/1989 ✓ |
| SERIAL NUMBER: 07286440 | VAS 1773CIP | FILING DATE: 12/19/1988  |
| PATENT NUMBER: 5061276  |             | ISSUE DATE: 10/29/1991 ✓ |
| SERIAL NUMBER: 06241291 | VAS 24668   | FILING DATE: 03/06/1981  |
| PATENT NUMBER: 4430083  |             | ISSUE DATE: 02/07/1984 ✓ |
| SERIAL NUMBER: 07119167 | VAS 3686    | FILING DATE: 11/10/1987  |
| PATENT NUMBER: 4791926  |             | ISSUE DATE: 12/20/1988 ✓ |

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| SERIAL NUMBER: 07132150<br>PATENT NUMBER: 4791913 | VAS 3696     | FILING DATE: 12/14/1987<br>ISSUE DATE: 12/20/1988 ✓ |
| SERIAL NUMBER: 07143738<br>PATENT NUMBER: 4820283 | VAS 3697     | FILING DATE: 01/13/1988<br>ISSUE DATE: 04/11/1989 ✓ |
| SERIAL NUMBER: 07175937<br>PATENT NUMBER: 4844071 | VAS 3722     | FILING DATE: 03/31/1988<br>ISSUE DATE: 07/04/1989 ✓ |
| SERIAL NUMBER: 07246578<br>PATENT NUMBER: 5024671 | VAS 3743     | FILING DATE: 09/19/1988<br>ISSUE DATE: 06/18/1991 ✓ |
| SERIAL NUMBER: 07303520<br>PATENT NUMBER: 4882113 | VAS 3794     | FILING DATE: 01/26/1989<br>ISSUE DATE: 11/21/1989 ✓ |
| SERIAL NUMBER: 07381895<br>PATENT NUMBER: 4990138 | VAS 3859     | FILING DATE: 07/18/1989<br>ISSUE DATE: 02/05/1991 ✓ |
| SERIAL NUMBER: 08074018<br>PATENT NUMBER: 5376110 | VAS 4096 CON | FILING DATE: 06/09/1993<br>ISSUE DATE: 12/27/1994 ✓ |
| SERIAL NUMBER: 08370705<br>PATENT NUMBER: 5669881 | VAS 4699     | FILING DATE: 01/10/1995 ✓<br>ISSUE DATE: 09/23/1997 |
| SERIAL NUMBER: 08762113<br>PATENT NUMBER: 5976192 | VAS 4737 CON | FILING DATE: 12/10/1996 ✓<br>ISSUE DATE: 11/02/1999 |
| SERIAL NUMBER: 08423762<br>PATENT NUMBER: 5641373 | VAS 4741     | FILING DATE: 04/17/1995<br>ISSUE DATE: 06/24/1997 ✓ |
| SERIAL NUMBER: 08844482<br>PATENT NUMBER: 5843173 | VAS 4761 DIV | FILING DATE: 04/18/1997 ✓<br>ISSUE DATE: 12/01/1998 |
| SERIAL NUMBER: 08486038<br>PATENT NUMBER: 5707389 | VAS 4778     | FILING DATE: 06/07/1995<br>ISSUE DATE: 01/13/1998 ✓ |
| SERIAL NUMBER: 08910944<br>PATENT NUMBER: 5947994 | VAS 4778 CON | FILING DATE: 08/08/1997 ✓<br>ISSUE DATE: 09/07/1999 |
| SERIAL NUMBER: 08485616<br>PATENT NUMBER: 5658302 | VAS 4911     | FILING DATE: 06/07/1995<br>ISSUE DATE: 08/19/1997 ✓ |
| SERIAL NUMBER: 08833155<br>PATENT NUMBER: 5868768 | VAS 4911 CON | FILING DATE: 04/04/1997 ✓<br>ISSUE DATE: 02/09/1999 |
| SERIAL NUMBER: 08713070<br>PATENT NUMBER: 5968068 | VAS 5032     | FILING DATE: 09/12/1996 ✓<br>ISSUE DATE: 10/19/1999 |
| SERIAL NUMBER: 08675644<br>PATENT NUMBER: 5928279 | VAS 5041     | FILING DATE: 07/03/1996 ✓<br>ISSUE DATE: 07/27/1999 |
| SERIAL NUMBER: 09135736<br>PATENT NUMBER: 6013092 | VAS 5192     | FILING DATE: 08/18/1998 ✓<br>ISSUE DATE: 01/11/2000 |